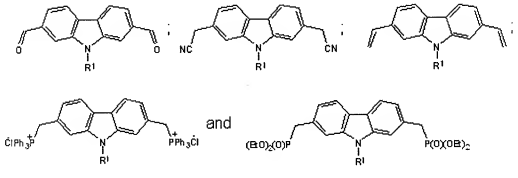
Amendments to the Claims

This listing of the claims will replace all prior versions and listings of claims in the application.

Listing of the Claims:

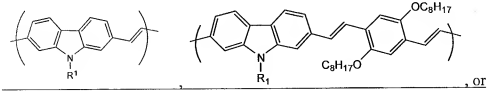
Claims 1-74 (canceled).

75. (currently amended): A polymer comprising the reaction product of a compound selected from the group consisting of:

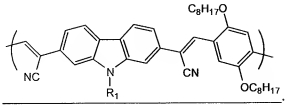


wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec*-butyl, *tert*-butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl, and 4-octyloxyphenyl; and optionally 2,5-dioctyloxy-1,4-diformylbenzene, and

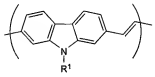
wherein the polymer is a homopolymer comprising repeating monomers consisting of the following structure:



, or



76. (currently amended): A polymer as defined in claim 75, ~~comprising monomeric groups of the formula~~ wherein the monomer is:

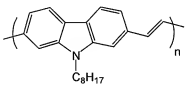


~~wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec* butyl, *tert* butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl~~.

77. (original): A polymer as defined in claim 76, wherein R^1 is hexyl or 2-ethylhexyl.

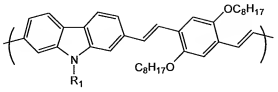
78. (original): A polymer as defined in claim 77, wherein R^1 is 2-ethylhexyl.

79. (original): A polymer as defined in claim 78 having the formula:



wherein "n" is an integer ranging from 5 to 100.

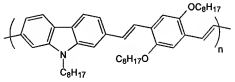
80. (currently amended): A polymer as defined in claim 75, ~~comprising monomeric groups of the formula~~ wherein the monomer is:



~~wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec* butyl, *tert* butyl, cyclobutyl, pentyl, cyclopentyl, hexyl, cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl~~.

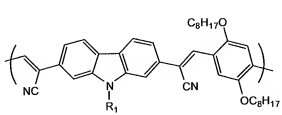
81. (original): A polymer as defined in claim 80, wherein R^1 is hexyl or 2-ethylhexyl.

82. (original): A polymer as defined in claim 81 having the formula:



wherein "n" is an integer ranging from 5 to 100.

83. (currently amended): A polymer as defined in claim 75, ~~comprising monomeric groups of the formula~~ wherein the monomer is:

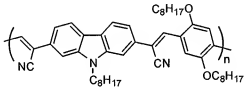


~~wherein R^1 is selected from the group consisting of methyl, ethyl, propyl, isopropyl, cyclopropyl, butyl, *sec* butyl, *tert* butyl, cyclobutyl, pentyl, cyclopentyl, hexyl,~~

~~cyclohexyl, heptyl, cycloheptyl, octyl, cyclooctyl, 2-ethylhexyl, nonyl, decyl, phenyl and 4-octyloxyphenyl.~~

84. (original): A polymer as defined in claim 83, wherein R^1 is hexyl or 2-ethylhexyl.

85. (original): A polymer as defined in claim 84 having the formula:



wherein "n" is an integer ranging from 5 to 100.

Claims 86-97 (canceled).

98. (withdrawn): A 2,7-carbazolenevinylene-based material having charge transport properties comprising the polymer of 75.

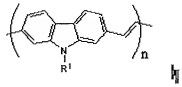
99. (withdrawn): A film or coating having charge transport properties for use in an electronic device, comprising the polymer of 75.

100. (withdrawn): The film or coating of claim 99, wherein the electronic device is configured as a light-emitting diode.

101. (withdrawn): The film or coating of claim 99, wherein the electronic device is configured as a field-effect transistor.

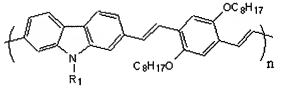
102. (withdrawn): The film or coating of claim 99, wherein the electronic device is configured as a solar cell.

103. (new): A polymer as defined in claim 75, wherein the monomer is:



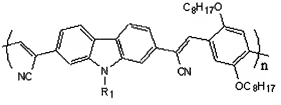
wherein "n" is an integer ranging from 5 to 100.

104. (new): A polymer as defined in claim 75, wherein the monomer is:



wherein "n" is an integer ranging from 5 to 100.

105. (new): A polymer as defined in claim 75, wherein the monomer is:



wherein "n" is an integer ranging from 5 to 100.